

Audiobahn®

QUALITY, RELIABILITY, & PURE BLISS

ATB10T
ATB8T
ATB10T
ATB12T

PASSIVE PORTED FLAT-BOTTOM BASS TUBE
ATB6T / ATB8T / ATB10T / ATB12T
OPERATING INSTRUCTIONS

PLEASE READ THIS MANUAL BEFORE OPERATING UNIT. RETAIN FOR FUTURE REFERENCE.

The Audiobahn Way

To bring the product to market that excites the consumer through sound and vision from an orientation of integrity and customer service. We make you look as good as you sound. We strive to take car audio to an extreme the world has never seen, and a world that never stops evolving.

Audiobahn was established in 1997 with one long-term goal in mind, "**Build it Bigger, Badder, & Better, and the people will take notice!**" We back this statement with an engineering team that has brought home several Innovations, Design & Engineering Showcase Awards, and a marketing team from around the world that spends countless hours developing our no compromise products to satisfy the most discriminating enthusiasts.

Our global manufacturing facilities feature ISO9002 ratings (the highest level of quality control awarded in the electronics manufacturing industry), fully robotic assembly lines and a state of the art, California based R & D laboratory.

Due to overwhelming response from our competitors, and our goal to participate in even more events this year, we created *"**TEAM AUDIOBAHN**." This organization is designed to create a support network along with shirts and perks for team members. "**TEAM AUDIOBAHN**" is not only for the diehard competitor, but also for anyone that loves car audio as much as we do. With four levels of play, one is right for you to get started in the Audiobahn family.

Our Technical Department and entire staff look to strive above and beyond the rest of the pack by going that extra mile to help you out. Whether you happen to be a veteran competitor, or a beginner car audio enthusiast that does not know a voice coil from a spider. We are all here to help you get the best system you can with what you have.

Judge for yourself, and remember what it's all about, "**If it's not Bigger, Badder & Better, it's not Audiobahn.**" If audio is your life, Audiobahn is the brand for you! We make you look as good as you sound. People never stop trying to get the best product, so we will never stop making it.

*To learn more about "**TEAM AUDIOBAHN**" please give us a call, see our website at website at www.audiobahninc.com, or email us at team@audiobahninc.com to learn about all the details.



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Getting Started

Welcome to Audiobahn Inc.. This manual has been designed to provide information for the owner, salesperson, and installer. For those of you who want quick information on how to install this product, please turn to the installation section of this manual. Other information can be located by using the table of contents. We at Audiobahn Inc. have worked very hard to make sure that all of the information in this manual is current, but, as we are constantly finding new ways to improve our product, this information is subject to change without notice. All updated information can be found on our web page in the technical support section.

Dear Customer,

Congratulations on your purchase of the worlds finest brand of car audio products. Here at Audiobahn Inc. we are devoted to making our musical reproduction the very best, and we are pleased you have chosen our product. Through years of engineering expertise, hand craftsmanship, and critical testing procedures, we have created a wide range of products that reproduce music with all the clarity and richness you deserve.

For maximum performance we recommend you have your Audiobahn product installed by an Authorized Audiobahn Dealer, as we provide specialized training through our Audiobahn Installer Training Programs. Please read your warranty, keep your receipt, and original carton for possible future use.

Great products and proper installation are only a small piece of the puzzle when it comes to your system. Make sure that your installer is using only 100% authentic installation accessories from the Audiobahn Connections. The Audiobahn line has everything ranging from the smallest terminal, to power wires up to 0 gauge, and 4 channel RCA cables.

To get a free brochure on Audiobahn products in the U.S. call (714) 988-0400 or e-mail us at sales@audiobahninc.com.

WARNING

Continuous exposure to sound pressure levels over 100 dB may cause permanent hearing loss. High powered autosound systems may produce sound pressure levels well over 135dB. Need we say more! Use common sense.

If after reading this manual, you still have questions regarding your product, we recommend that you see your nearest Audiobahn Dealer. A list of Authorized Audiobahn Dealers can be found on our web page. If you need further assistance, feel free to call us at (800)488-8595 and ask for the Technical Department. Be sure to have the model number, date of purchase, and invoice number available when you call.

The model number can be located on the outside of the carton. Record this in the space provided below along with the date of purchase. It is a good idea to keep your receipt with this, as you will need it in the case of a warranty repair or exchange.

Model Number: _____ Date of Purchase: _____

Contents of Carton

<ul style="list-style-type: none">• Amplified Subwoofer with Flame Grill• Installation & Operation Manual• Warranty Card• Power Cable with Fuse and Ring Terminal• Ground Wire with Ring Terminal• Heat Shrink and Zip Ties	<ul style="list-style-type: none">• 18 Gauge Remote Turn on Wire• Bass Knob with Cord• 1 Fuse• High Level Input Harness• Sticker• Dog Tag
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1. Make sure to carefully read and understand the instructions before attempting to install your new Audiobahn tube.
2. Before making any electrical connection, make sure that you disconnect the battery's ground cable to prevent the possibility of short circuit or damage to your electronic equipment.
3. For easier assembly, we suggest you run all wires prior to mounting your amplified tube.
4. Route all of the RCA cables close together, and away from any power wires.
5. Use high quality connectors that can be found in the Audiobahn Connections catalog. This will minimize signal and power loss.
6. Think before you drill! Be careful not to cut or drill into gas tank, fuel lines, brake or hydraulic lines, vacuum lines, or electrical wiring when working on any vehicle.
7. Avoid running wires over or through sharp edges. Use rubber or plastic grommets to protect any wires routed through metal, especially the firewall.
8. ALWAYS protect the battery and electrical system from damage with proper fusing.
9. When grounding to the chassis of the vehicle, scrape all paint from the metal to ensure a good clean ground connection. Grounding connections should be as short as possible, and always be connected to metal that is welded to the main body or chassis of the vehicle.



The mounting position of your amplified tube will have a great effect on the sound performance produced.

TRUNK MOUNTING

Mounting the tube in the trunk provides a good overall performance.

PASSENGER COMPARTMENT MOUNTING

Mounting the tube in the passenger compartment provides optimum sound, but reduces the area for passenger seating.

LOADING

Facing the tube towards a wall will increase the low frequency sounds.

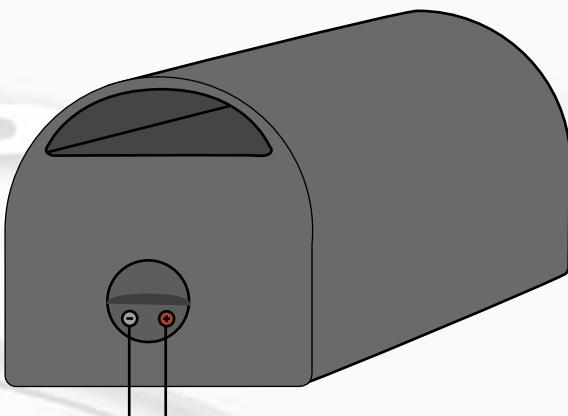
Use one of the two following signal connections

RCA Cable Connection

1. Connect the RCA cable into the correct output terminals on the back of the source or Hi/Lo level converter.
2. Connect the RCA cable into their perspective plugs on the amplified tube.

High Level Input Connections

1. Using the cord provided with the kit, splice directly into the source unit's speaker outputs. Do not break the connection with the source unit and the speakers. Be sure to maintain proper speaker polarity.



The passive ported flat-bottom bass tube box has a single set of terminals to wire the sub up with. The left terminal is negative (-) and the right terminal is positive (+) for each set.

Model Number:	ATB6T	ATB8T	ATB10T	ATB12T
Driver Size:	6"	8"	10"	12"
Overall Dimensions:				
Height:	7 7/8"	9 1/2"	11 3/8"	13 1/2"
Width::	7 7/8"	9 3/8"	11 1/2"	13 3/8"
Length:	22 1/2"	22 3/4"	21 1/8"	22 5/8"



If you start having problems with distorted sound or loss of performance after installing your subs in your empty enclosure, you can follow the instructions below to try and locate what is causing the problem.

- 1) If you have any distorted sound, loss of performance, or rattling from your subs, check the connections running from your amplifier or other processor to the box. You will also want to check the connections inside the box to make sure no wires have become unhooked or are loose.
- 2) If the above does not solve the problem, check your enclosure thoroughly to see if there are any leaks, cracks, or broken pieces. Any loss of structural integrity of your enclosure can cause significant performance loss and distortion.
- 3) The next step you can take is to remove the subs and look for any burned wire leads or separated components. Sometimes when you play subs too hard for too long, they will start to heat up.
- 4) If none of the above steps solve the problem, you will want to start looking at the other components in the vehicle. Start by checking all connections to and from the box, amplifier, source unit, or any other processors you may be using. You will need to reference to that particular manufacturer for any setting configurations or troubleshooting.

WARNING

Investigate the layout of your automobile thoroughly before drilling or cutting any holes. Take care when you work near the gas tanks, lines, hydraulic lines, and electrical wiring. Attach the system securely to the automobile to prevent damage, particularly in the event of an accident. Do not mount the system so that the wire connections are unprotected or are subject to pinching or damage from nearby objects.

The +12V DC power wire must be fused at the battery positive terminal connection. Before making or breaking power connections at the system power terminals, disconnect the +12V wire at the battery end. Confirm your radio/head unit and/or other equipment is turned off while connecting the input jacks and speaker terminals. If you need to replace the power fuse, replace it only with a fuse identical to that supplied with the system. Using a fuse of different type or rating may result in damage to this system which is not covered by the warranty.

Disclaimer

Specifications are subject to change without notice.
For the most updated Specifications call Audiobahn,
your local Authorized Audiobahn Dealer,
or check the Audiobahn website.

www.audiobahninc.com

Audiobahn Consumer Product Warranty Policy

Audiobahn products are manufactured with the highest quality components and some of the most advanced technology available. Because of this, we recommend that you have your new products installed by an **Authorized Audiobahn Dealer**.**(A list of Authorized Audiobahn Dealers can be found on our web page).**

Warranty Period: One year from the original date of purchase.

Warranty Coverage: This warranty covers manufacturer defects only. The warranty is applicable to the original purchaser, and is non-transferable. You must have a receipt from an **Authorized Audiobahn Dealer** that shows the location of purchase, price paid, and date of purchase.

(Products purchased by consumers from an **Authorized Audiobahn Dealer** outside the United States, are covered only by that countries Distributor and not by **Audiobahn**).

Notes:

Complete subwoofer enclosures (**Audiobahn** will replace defective subwoofers, plexiglass, or neon only. Do not send the entire enclosure, unless the enclosure is defective itself. You must receive prior authorization and an RA# before sending in any complete enclosure).

Audiobahn will only replace L.E.D.(s) found to be defective at the time of purchase.

Audiobahn warranties do not cover the following:

- Any product not purchased from an **Authorized Audiobahn Dealer** (including Internet dealers)
- Damage caused by abuse, misuse, accident, water / flood, or theft (including any cosmetic damage to the body of the product)
- Damage caused by improper installation
- Any cost or expense related to removal or reinstallation
- Any unauthorized services
- Any product that has the serial number removed, altered, or defaced
- Subsequent damage to any other components
- Pinched, cut, or stripped wires
- Any product that is new, and/or found to be in working condition
- L.E.D. indicators on electronics

How to receive warranty service: Contact your local **Authorized Audiobahn Dealer**, or call **Audiobahn** at **(800) 488-8595** between the hours of 9:00 AM and 5:00 PM PST.

If you are having problems with your system, we recommend you check the product carefully and thoroughly to confirm that the product truly has a manufacturer defect; as opposed to abuse, or other components in the system causing the failure. This might include having an **Authorized Audiobahn Dealer** look at the product to confirm the source of the problem. Any product found to have a manufacturer defect will be replaced with a new piece of the same or similar model, or repaired at the discretion of **Audiobahn**. Any product found to have no manufacturer defect will be returned to the sender at their cost.

You must acquire a Return Authorization Number (RA#) prior to returning ANY product to Audiobahn. That Return Authorization Number (RA#) must be prominently and clearly marked on the outside of the shipping carton, or product delivery will be refused (no exceptions will be made).

Please note: All shipping and handling (to and from) charges will be the sole responsibility of the consumer.

Please record and keep your Return Authorization Number (RA#) in the event that further communication is required.

Return Authorization Number (RA#): _____

Date product was sent: _____

Contact Information

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